



an Open Access Journal by MDPI

Bioactive Compounds and Antioxidant Capacity in Fruits and Vegetables

Guest Editors:

Dr. Arturo Duarte Sierra

Food Science Department, Laval University, Quebec, QC G1V 0A6, Canada

Prof. Dr. Martín-Ernesto Tiznado-Hernández

Centro de Investigacion en Alimentacion y Desarrollo, Coordinación de Tecnología de Alimentos de Origen Vegetal, Hermosillo, Sonora, Mexico

Dr. Luis Felipe Gutierrez Alvarez

Instituto de Ciencia y Tecnología de Alimentos, Universidad Nacional de Colombia Sede Bogotá, Carrera 30 # 45-03, Edificio 500A, Bogotá 111321, D.C., Colombia

Deadline for manuscript submissions: closed (15 December 2023)

Message from the Guest Editors

Fruits and vegetables have always been present in the human diet, probably due to their delicious taste and aroma. However, their nutritional contribution, as well as their role in disease prevention, have also become evident. Reductions in chronic degenerative diseases, for example, have been related to an increase in the dietary intake of antioxidants, vitamins, fiber, and other phytochemical compounds that are present in fruits and vegetables. Thus, it is of interest to study the vast array of bioactive compounds and antioxidants that may be present within horticultural products, their effects on human health, and the development of technologies that can increase their amount or preservation during the pre- and postharvest periods.

The proposed Special Issue aims to present the most recent studies, developments, and methods related to antioxidant and bioactive compounds found in plant products. Therefore, we invite breeders, postharvest physiologists, analytical chemists, biochemists, or anyone interested in the subject to contribute to this topic by submitting articles, literature reviews, or opinions that may be of interest to the scientific community.



mdpi.com/si/127386







an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, via Provinciale Lecce Monteroni, 73100 Lecce, Italy

Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (Horticulture) / CiteScore - Q2 (Horticulture)

Contact Us

Horticulturae Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/horticulturae horticulturae@mdpi.com X@Horticul_MDPI